

Map symbol and soil name	Potential productivity			Trees to manage
	Common trees	Site index	Volume of wood fiber  cu ft/ac	
8B: Judson-----	---	---	---	---
8C: Judson-----	---	---	---	---
11B: Colo-----	---	---	---	---
Ely-----	---	---	---	---
13B: Nodaway-----	white oak-----	65	43	European larch, black walnut, eastern white pine, red pine, sugar maple
Vesser-----	---	---	---	---
24D2: Shelby-----	---	---	---	---
24E2: Shelby-----	---	---	---	---
43: Bremer-----	eastern cottonwood-- silver maple-----	90 80	100 29	American sycamore, common hackberry, eastern arborvitae, eastern cottonwood, green ash, silver maple
51: Vesser-----	---	---	---	---
53: Riverwash-----	---	---	---	---
54: Zook-----	---	---	---	---
54+: Zook-----	---	---	---	---
63C: Chelsea-----	white oak-----	55	43	European larch, Scotch pine, eastern redcedar, eastern white pine, jack pine, red pine

Map symbol and soil name	Potential productivity			Trees to manage
	Common trees	Site index	Volume of wood fiber  cu ft/ac	
63E2: Chelsea-----	white oak-----	55	43	European larch, Scotch pine, eastern redcedar, eastern white pine, jack pine, red pine
65D2: Lindley-----	black oak----- blackjack oak----- northern red oak---- post oak----- white oak-----	63 --- 61 53 56	43 0 43 43 43	black oak, green ash, northern red oak, white oak
65E: Lindley-----	black oak----- blackjack oak----- northern red oak---- post oak----- white oak-----	63 --- 61 53 56	43 0 43 43 43	black oak, green ash, northern red oak, white oak
65E3: Lindley-----	black oak----- blackjack oak----- northern red oak---- post oak----- white oak-----	63 --- 61 53 56	43 0 43 43 43	black oak, green ash, northern red oak, white oak
65F: Lindley-----	black oak----- blackjack oak----- northern red oak---- post oak----- white oak-----	63 --- 61 53 56	43 0 43 43 43	black oak, green ash, northern red oak, white oak
69C2: Clearfield-----	---	---	---	---
75: Givin-----	northern red oak---- white oak-----	--- 65	0 43	black walnut, eastern white pine, northern red oak, red pine, sugar maple, white oak
76B: Ladoga-----	northern red oak---- white oak-----	75 75	57 57	European larch, black walnut, eastern white pine, northern red oak, red pine, sugar maple, white oak

Map symbol and soil name	Potential productivity			Trees to manage
	Common trees	Site index	Volume of wood fiber  cu ft/ac	
76C2: Ladoga-----	northern red oak----	75	57	European larch, black walnut, eastern white pine, northern red oak, red pine, sugar maple, white oak
	white oak-----	75	57	
76D2: Ladoga-----	northern red oak----	75	57	European larch, black walnut, eastern white pine, northern red oak, red pine, sugar maple, white oak
	white oak-----	75	57	
80B: Clinton-----	northern red oak----	65	43	European larch, black walnut, eastern white pine, northern red oak, red pine, white oak
	white oak-----	65	43	
80C2: Clinton-----	northern red oak----	65	43	European larch, black walnut, eastern white pine, northern red oak, red pine, white oak
	white oak-----	65	43	
80D2: Clinton-----	northern red oak----	65	43	European larch, black walnut, eastern white pine, northern red oak, red pine, white oak
	white oak-----	65	43	
88: Nevin-----	---	---	---	---
93D2: Shelby-----	---	---	---	---
Adair-----	---	---	---	---
94D2: Caleb-----	northern red oak----	55	43	black walnut, eastern white pine, red pine, sugar maple
	white oak-----	55	43	

Map symbol and soil name	Potential productivity			Trees to manage
	Common trees	Site index	Volume of wood fiber  cu ft/ac	
Mystic-----	white oak-----	55	43	black walnut, eastern white pine, red pine, sugar maple
98: Huntsville-----	American sycamore---	---	0	American sycamore,
	cherrybark oak-----	---	0	black walnut,
	eastern cottonwood--	110	157	common hackberry,
	green ash-----	---	0	eastern
	sweetgum-----	---	0	cottonwood, green
	tuliptree-----	98	100	ash, red maple, sugar maple
119: Muscatine-----	---	---	---	---
120B: Tama-----	---	---	---	---
120C2: Tama-----	---	---	---	---
120D2: Tama-----	---	---	---	---
130: Belinda-----	white oak-----	45	29	American sycamore, eastern arborvitae, eastern cottonwood, golden willow, green ash, silver maple
131B: Pershing-----	white oak-----	55	43	eastern white pine, red pine, white oak
131C2: Pershing-----	white oak-----	55	43	eastern white pine, red pine, white oak
132B: Weller-----	white oak-----	55	43	black walnut, eastern white pine, red pine, sugar maple
132C2: Weller-----	white oak-----	55	43	black walnut, eastern white pine, red pine, sugar maple

Map symbol and soil name	Potential productivity			Trees to manage
	Common trees	Site index	Volume of wood fiber  cu ft/ac	
133: Colo-----	---	---	---	---
133+: Colo-----	---	---	---	---
133B: Colo-----	---	---	---	---
162B: Downs-----	black walnut----- northern red oak---- tuliptree----- white oak-----	--- 80 90 80	0 57 86 57	eastern white pine, green ash, northern red oak, tuliptree
162C2: Downs-----	black walnut----- northern red oak---- tuliptree----- white oak-----	--- 80 90 80	0 57 86 57	eastern white pine, green ash, northern red oak, tuliptree
162D2: Downs-----	black walnut----- northern red oak---- tuliptree----- white oak-----	--- 80 90 80	0 57 86 57	eastern white pine, green ash, northern red oak, tuliptree
163B: Fayette-----	black walnut----- northern red oak---- tuliptree----- white oak-----	--- 80 90 80	0 57 86 57	eastern white pine, green ash, northern red oak, tuliptree
163C2: Fayette-----	black walnut----- northern red oak---- tuliptree----- white oak-----	--- 80 90 80	0 57 86 57	eastern white pine, green ash, northern red oak, tuliptree
163D2: Fayette-----	black walnut----- northern red oak---- tuliptree----- white oak-----	--- 80 90 80	0 57 86 57	eastern white pine, green ash, northern red oak, tuliptree
163E2: Fayette-----	black walnut----- northern red oak---- tuliptree----- white oak-----	--- 80 90 80	0 57 86 57	eastern white pine, green ash, northern red oak, tuliptree
163F2: Fayette-----	black walnut----- northern red oak---- tuliptree----- white oak-----	--- 80 90 80	0 57 86 57	eastern white pine, green ash, northern red oak, tuliptree

Map symbol and soil name	Potential productivity			Trees to manage
	Common trees	Site index	Volume of wood fiber  cu ft/ac	
179D2: Gara-----	northern red oak----	55	43	eastern white pine,
	white oak-----	55	43	northern red oak, red pine, white oak
179E2: Gara-----	northern red oak----	55	43	eastern white pine,
	white oak-----	55	43	northern red oak, red pine, white oak
179F: Gara-----	northern red oak----	55	43	eastern white pine,
	white oak-----	55	43	northern red oak, red pine, white oak
185D: Bauer-----	---	---	---	---
185D2: Bauer-----	---	---	---	---
185E2: Bauer-----	---	---	---	---
208: Landes-----	American sycamore---	---	0	American sycamore,
	eastern cottonwood--	105	143	black walnut,
	green ash-----	---	0	eastern
	sweetgum-----	---	0	cottonwood,
	tuliptree-----	95	100	eastern white pine, green ash, sugar maple, sweetgum, tuliptree
212: Kennebec-----	black walnut-----	79	0	American sycamore,
	bur oak-----	63	43	black walnut, bur
	common hackberry----	---	0	oak, common
	eastern cottonwood--	---	0	hackberry, eastern
	green ash-----	---	0	cottonwood, green ash
220: Nodaway-----	white oak-----	65	43	European larch, black walnut, eastern white pine, red pine, sugar maple
222C: Clarinda-----	---	---	---	---

Map symbol and soil name	Potential productivity			Trees to manage
	Common trees	Site index	Volume of wood fiber  cu ft/ac	
222C2: Clarinda-----	---	---	---	---
230C: Clearfield-----	---	---	---	---
Arispe-----	---	---	---	---
230C2: Clearfield-----	---	---	---	---
Arispe-----	---	---	---	---
248: Wabash-----	pin oak-----	75	57	eastern cottonwood, pecan, pin oak
273B: Olmitz-----	---	---	---	---
273C: Olmitz-----	---	---	---	---
279: Taintor-----	---	---	---	---
280: Mahaska-----	---	---	---	---
281B: Otley-----	---	---	---	---
281C2: Otley-----	---	---	---	---
281D2: Otley-----	---	---	---	---
313D2: Gosport-----	white oak-----	45	29	Norway spruce, Scotch pine, cottonwood, eastern white pine, red pine, white spruce
313E2: Gosport-----	white oak-----	45	29	Norway spruce, Scotch pine, cottonwood, eastern white pine, red pine, white spruce

Map symbol and soil name	Potential productivity			Trees to manage
	Common trees	Site index	Volume of wood fiber  cu ft/ac	
313F2: Gosport-----	white oak-----	45	29	Norway spruce, Scotch pine, cottonwood, eastern white pine, red pine, white spruce
315: Alluvial Land-----	---	---	---	---
Landes-----	American sycamore---	---	0	American sycamore, black walnut, eastern cottonwood, eastern white pine, green ash, sugar maple, sweetgum, tuliptree
	eastern cottonwood--	105	143	
	green ash-----	---	0	
	sweetgum-----	---	0	
	tuliptree-----	95	100	
362: Haig-----	---	---	---	---
364B: Grundy-----	---	---	---	---
368: Macksburg-----	---	---	---	---
368B: Macksburg-----	---	---	---	---
369: Winterset-----	---	---	---	---
370B: Sharpsburg-----	---	---	---	---
370C: Sharpsburg-----	---	---	---	---
370C2: Sharpsburg-----	---	---	---	---
370D2: Sharpsburg-----	---	---	---	---
373E: Tallula-----	---	---	---	---
Downs-----	black walnut-----	---	0	eastern white pine, green ash, northern red oak, tuliptree
	northern red oak---	80	57	
	tuliptree-----	90	86	
	white oak-----	80	57	



Map symbol and soil name	Potential productivity			Trees to manage
	Common trees	Site index	Volume of wood fiber  cu ft/ac	
428B: Ely-----	---	---	---	---
430: Ackmore-----	white oak-----	65	43	black walnut, cottonwood, eastern white pine, red pine, sugar maple
453: Tuskeego-----	eastern cottonwood-- silver maple-----	90 80	100 29	American sycamore, eastern arborvitae, eastern cottonwood, green ash, laurel willow, silver maple
478G: Gosport-----	white oak-----	45	29	Norway spruce, Scotch pine, cottonwood, eastern white pine, red pine, white spruce
Rock Outcrop-----	---	---	---	---
485: Spillville-----	---	---	---	---
570B: Nira-----	---	---	---	---
570C2: Nira-----	---	---	---	---
822D2: Lamoni-----	---	---	---	---
831B: Pershing-----	white oak-----	55	43	eastern white pine, red pine, white oak
870B: Sharpsburg-----	---	---	---	---
870C: Sharpsburg-----	---	---	---	---

Map symbol and soil name	Potential productivity			Trees to manage
	Common trees	Site index	Volume of wood fiber  cu ft/ac	
876B: Ladoga-----	northern red oak----	75	57	European larch, black walnut, eastern white pine, northern red oak, red pine, sugar maple, white oak
	white oak-----	75	57	
993D2: Gara-----	northern red oak----	55	43	eastern white pine, northern red oak, red pine, white oak
	white oak-----	55	43	
Armstrong-----	northern red oak----	55	43	European larch, eastern white pine, red pine, sugar maple
	white oak-----	55	43	
993E2: Gara-----	northern red oak----	55	43	eastern white pine, northern red oak, red pine, white oak
	white oak-----	55	43	
Armstrong-----	northern red oak----	55	43	European larch, eastern white pine, red pine, sugar maple
	white oak-----	55	43	
1075: Givin-----	northern red oak----	---	0	black walnut, eastern white pine, northern red oak, red pine, sugar maple, white oak
	white oak-----	65	43	
1220: Nodaway-----	white oak-----	65	43	European larch, black walnut, eastern white pine, red pine, sugar maple
1315: Alluvial Land-----	---	---	---	---

USDA-NRCS, IOWA  
Forest Productivity

04/10/2002  
FIELD OFFICE TECHNICAL GUIDE Sec. II  
FORESTLAND INTERPRETATIONS

Marion County, Iowa

Map symbol and soil name	Potential productivity			Trees to manage
	Common trees	Site index	Volume of wood fiber  cu ft/ac	
Landes-----	American sycamore--- eastern cottonwood-- green ash----- sweetgum----- tuliptree-----	--- 105 --- --- 95	0 143 0 0 100	American sycamore, black walnut, eastern cottonwood, eastern white pine, green ash, sugar maple, sweetgum, tuliptree
1316: Alluvial Land-----	---	---	---	---
1368: Macksburg-----	---	---	---	---
5020G: Strip Mine Spoils-----	---	---	---	---
5040: Cut And Fill Land-----	---	---	---	---